Gut Microbiology for Warfighter Reslience

Project Title	PI Name	Performer	Type
Development of a novel 3-D in vitro cell model for investigating gut microbiota-epithelial-enteric responses to endocrine signaling	Payne, Amanda	NSWC-Dahlgren	Basic Research
Tailoring Gut Microbiota for Enhanced Resilience and Performance under Sleep-Deprived Conditions	Chan, Victor	US Air Force, 711 HPW/RHD	Basic Research (Basic Research Challenge Program)
Influence of Gut Microbiome-Host Interactions on Stress Induced by Altered Sleep Patterns	Jansson, Janet	DOE-PNNL	Basic Research (Basic Research Challenge Program)
Engineering probiotics that improve warfighter performance by maintaining lean body mass and inhibiting anxiety	Tabor, Jeffrey	Rice University	Basic Research, Young Investigator Program
Microbiology Endocrinology as a Mechanism Governing Stress-Induced Microbiome-Gut-Brain Communication	Lyte, Mark	Texas Tech University Health Sciences Center	Basic Research (Basic Research Challenge Program)
Gut Microbes: Positive effects on negative responses to environmental stressors	Bienenstock, John	McMaster University	Basic Research (Basic Research Challenge Program)